



Spot of bright, white light

Brilliantline Dichroic

Superior-quality low-voltage halogen burner in glass reflector. Ideal solution for small decorative luminaires, putting your objects in the spotlight. Dichroic coating prevents heat transmission onto the object.

Benefits

- Bright, sparkling halogen light to put your objects in the spotlight
- Fully dimmable, from 0 to 100%, to meet different brightness requirements
- Lower replacement costs due to longer burning hours

Features

- Superior quality of light with excellent color rendering (Ra=100)
- Low-pressure technology with UV-block glass allows use in luminaires without front glass
- Dichroic coating
- Universal burning position
- Instant start

Application

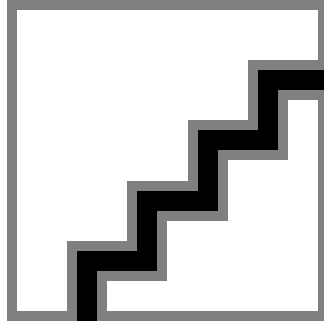
- Spot accent lighting to create the right ambiance in hotels, restaurants and shops

Brilliantline Dichroic

Versions

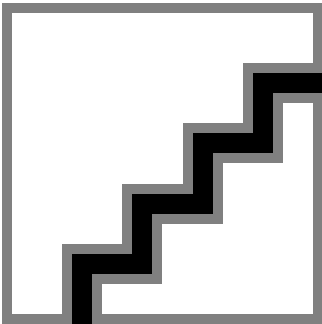


GU5.3, MR16, 24°



GU5.3, MR16, 60°

Dimensional drawing



Product	D (max)	C (max)
Brilliantline Dichroic 50W GU5.3 12V 60D 1CT/10X5F	51 mm	46 mm
Brilliantline Dichroic 35W GU5.3 12V 24D 1CT/10X5F	51 mm	46 mm

Brilliantline Dichroic

Approval and Application

Energy Efficiency Label (EEL)	B
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Controls and Dimming

Dimmable	Yes
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Operating and Electrical

Voltage (Nom)	12 V
Starting Time (Nom)	0.0 s
Warm Up Time To 60% Light (Nom)	instant full light

General Information

Cap-Base	GU5.3
Nominal Lifetime (Nom)	4000 h
Operating Position	UNIVERSAL
Rated Lifetime (Hours)	4000 h
Switching Cycle	16000X

Luminaire Design Requirements

Bulb Temperature (Max)	250 °C
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Light Technical

Correlated Color Temperature (Nom)	3000 K
Color Rendering Index (Nom)	100
Llmf At End Of Nominal Lifetime (Min)	80 %

Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	MR16

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
924050517101	Brilliantline Dichroic 35W GU5.3 12V 24D 1CT/10X5F	37 kWh
924051117101	Brilliantline Dichroic 50W GU5.3 12V 60D 1CT/10X5F	53 kWh

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
924050517101	Brilliantline Dichroic 35W GU5.3 12V 24D 1CT/10X5F	2.92 A	35.0 W

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
924051117101	Brilliantline Dichroic 50W GU5.3 12V 60D 1CT/10X5F	4.2 A	50.0 W

General Information

Order Code	Full Product Name	Philips Code
924050517101	Brilliantline Dichroic 35W GU5.3 12V 24D 1CT/10X5F	14615

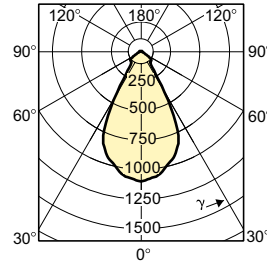
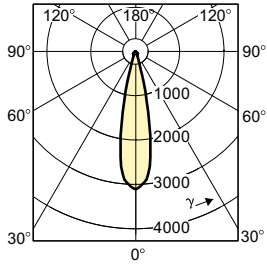
Order Code	Full Product Name	Philips Code
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Light Technical

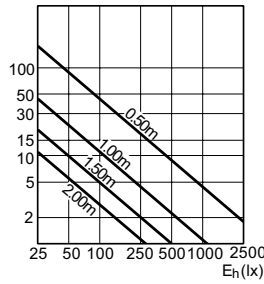
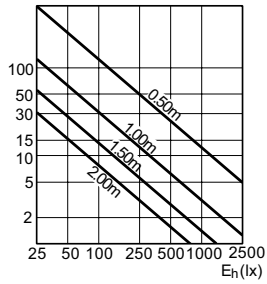
Order Code	Full Product Name	Beam Angle (Nom)	Luminous Flux (Rated) (Nom)	Luminous Intensity (Max)	Rated Beam Angle
924050517101	Brilliantline Dichroic 35W GU5.3 12V 24D 1CT/10X5F	24 °	500 lm	2640 cd	24 °

Order Code	Full Product Name	Beam Angle (Nom)	Luminous Flux (Rated) (Nom)	Luminous Intensity (Max)	Rated Beam Angle
924051117101	Brilliantline Dichroic 50W GU5.3 12V 60D 1CT/10X5F	60 °	775 lm	1065 cd	60 °

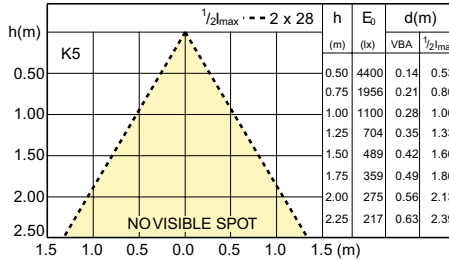
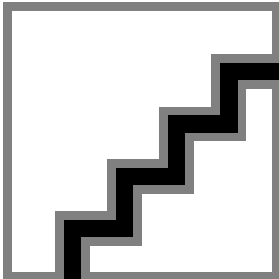
Brilliantline Dichroic



Accent Diagrams



Beam Diagrams



LDBE_HDICHRO_35W_24D-Beam diagram

LDBE_HDICHRO_50W_60D-Beam diagram

